ABSTRACT

The invention provides reagents and methods for highly efficient generation of adenoviral vectors by homologous recombination. The present invention provides unique shuttle vectors and an improved methodology for co-transfection of a shuttle vector and a helper plasmid into 293 cells to generate E1-deleted, E1 / E3-deleted, E1 / E2a / E3-deleted or E1 / E3 / E4 / protein IX-deleted adenoviral vectors.